Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in this application:

Listing of Claims:

Claim 1 (cancelled)

Claim 3 (currently amended): The ~~process~~ method of claim ~~1~~ 57 wherein the step of creating further includes creating uncharged aerosol particles ~~material~~ using EHD means.

Claim 4 (cancelled)

Claim 5 (cancelled)

Claim 6 (cancelled)

Claim 7 (cancelled)

Claim 8 (currently amended) The method ~~process~~ of claim 57 ~~1~~, wherein the step of creating comprises creating aerosol particles ~~material~~ having a substantially log normal distribution with a geometric standard deviation of no greater than about 2.0.

Claim 9 (Cancelled)

Claim 10 (cancelled)

Claim 11 (currently amended): The method ~~process~~ of claim 66 ~~10~~, wherein ~~the formulation~~ said liquid carrier vehicle contains ~~comprises~~ a surfactant dissolved or suspended therein.

Claim 12 (currently amended): The method ~~process~~ of claim 57 ~~1~~, wherein the step of creating a ~~quantity of charged material~~ a charged aerosol generates an acoustic emission that does not provoke an adverse reaction in said animal.

Claim 13 (currently amended): The method ~~process~~ of claim 57 ~~1~~, wherein the step of ~~directing~~ applying includes distributing said ~~the~~ charged ~~material~~ aerosol particles generally uniformly upon a targeted area of said ~~the~~ animal.

Claim 14 (cancelled

Claim 15 (cancelled)

Claim 16 (cancelled)

Claim 17 (cancelled)

Claim 18 (currently amended): The method ~~process~~ of claim 57 ~~1~~, wherein the step of ~~directing~~ applying said charged aerosol ~~the charged material~~ includes distributing portions of said charged aerosol ~~the charged material~~ along generally curved trajectories to non-planar surfaces of the animal.

Claim 19 (currently amended): The method ~~process~~ of claim 57 ~~1~~, wherein the step of ~~directing~~ applying includes at least a portion of said charged aerosol particles ~~the charged material~~ following a substantially curved trajectory around a portion of the animal.

Claim 20 (currently amended): The method ~~process~~ of claim 57~~1~~, wherein the animal comprises a companion animal.

Claim 21 (cancelled)

Claim 22 (currently amended): The method ~~process~~ of claim 57 ~~1~~, wherein the step of creating includes creating said charged aerosol ~~the charged material~~ using a hand-held EHD device.

Claim 23 (cancelled)
Claim 24 (cancelled)

Claim 26 (currently amended): The method ~~process~~ of claim 70 24, wherein said ~~the~~ pesticide is selected ~~chosen~~ from the group consisting of insecticides, acaricides, miticides, and nematocides.

Claim 27 (currently amended): The method ~~process~~ of claim 26 24, wherein said ~~the~~ pesticide consists of a mixture of ~~comprises both~~ a ~~neo-nicotinoid~~ neonicotinoid and a pyrethroid.

Claim 28 (currently amended): The method ~~process~~ of claim 27, wherein the step of creating comprises creating an aerosol ~~a quantity~~ of a neonicotinoid ~~neo-nicotinoid~~ and an aerosol ~~a quantity~~ of a pyrethroids; wherein said aerosols are created by an EHD means containing two separate spray sites and wherein said neonicotinoid is sprayed from one site and said pyrethroid is sprayed from the other spray site ~~from at least two spray sites~~.

Claim 29 (currently amended): The method ~~process~~ of claim 28, wherein the step of creating from at least two spray sites includes alternately creating said aerosol ~~the quantity~~ of ~~neo-nicotinoid~~ neonicotinoid and said aerosol ~~the quantity~~ of said pyrethroids and alternately applying said aerosols to said animal.

Claim 30 (currently amended): The method ~~process~~ of claim 28, where the step of creating further includes at least partially discharging the charge on at least one of said aerosols ~~the quantity of neo-nicotinoid and the quantity of pyrethroid~~.

Claim 32 (cancelled)

Claim 33 (cancelled)

Claim 36 (cancelled):
Claim 37 (cancelled)

Claim 38 (Cancelled)

Claim 39 (cancelled)

Claim 40 (cancelled)

Claim 41 (cancelled)

Claim 42 (cancelled)
Claim 43 (cancelled)

Claim 44 (currently amended): The method ~~process~~ of claim 71 ~~41~~ wherein the steps of creating a first quantity of charged aerosol particles ~~material~~ and a second quantity of charged aerosol particles ~~material~~ are performed concurrently ~~for a period of time~~.

Claim 45 (currently amended): The method ~~process~~ of claim 71 ~~41~~ wherein the steps of creating a first quantity of charged aerosol particles ~~material~~ and a second quantity of charged aerosol particles ~~material~~ are performed alternately.

Claim 46 (currently amended): The method ~~process~~ of claim 71 ~~41~~ wherein the steps of creating a first quantity of charged aerosol particles ~~material~~ and a second quantity of charged aerosol particles ~~material~~ are performed by charging the first and second quantities of said aerosol particles with opposite charges.

Claim 47 (cancelled)

Claim 49 (currently amended): The method ~~process~~ of claim 57 ~~47~~ wherein the step of applying ~~directing~~ further includes applying ~~directing~~ the charged aerosol ~~material~~ towards a target area comprising one of the group consisting of fur, feathers, scales, or wool.

Claim 50 (currently amended): The method ~~process~~ of claim 57 ~~47~~, wherein about 99 percent by volume of said aerosol particles ~~the material~~ is greater than about ~~ten microns~~ 50 μm in diameter.

Claim 51 (cancelled)

Claim 52 (currently amended): The method ~~process~~ of claim 20, wherein said ~~the~~ companion animal is a horse.

Claim 53 (currently amended) The method ~~process~~ of claim 58 ~~23~~, wherein said ~~the~~ animal is a horse.

Claim 54 (cancelled)

Claim 55 (cancelled)

Claim 56 (cancelled)

Claim 57 (new): A method for treating a non-human animal comprising the steps of (1) creating charged aerosol particles containing at least one active agent, wherein said charged aerosol particles are created using electrohydrodynamic ("EHD") means; and (2) applying said charged aerosol to the surface of said animal; and wherein said aerosol particles have a diameter greater than that respirable by a human.

Claim 58 (new): The method according to claim 57 wherein said active agent is selected from the group consisting of a pesticide, a therapeutic agent and a cosmetic agent.

Claim 59 (new): The method according to claim 58 wherein said active agent is a pesticide.

Claim 60 (new): The method according to claim 59 wherein said pesticide is selected from the group consisting of insecticides, acaricides, miticides, and nematocides.

Claim 61 (new): The method according to claim 59 wherein said pesticide is consist of a mixture of a neonicotinoid and a pyrethroid.

Claim 62 (new): The method according to claim 57 wherein said active agent is a therapeutic agent.

Claim 63 (new): The method according to claim 62 wherein said active agent is a therapeutic agent is selected from the group consisting of veterinary biological products, health supplements, veterinary pharmaceutical products, animal vaccines, antibiotics, anti-inflammatories, chronic care medications, vitamins, birth assistance drugs, hormones, growth enhancers, and combinations thereof.

Claim 64 (new): The method according to claim 63 wherein said active agent is a therapeutic agent is selected from the group consisting of veterinary pharmaceutical products, animal vaccines, antibiotics, anti-inflammatories, birth assistance drugs, hormones, and combinations thereof.

Claim 65 (new): The method according to claim 57 wherein said active agent is a cosmetic agent.

Claim 66 (new): The method according to claim 65 wherein said cosmetic agent is selected from the group consisting of a colorant, a sheen enhancer, a hair straightening compound, hair detangling compounds, deodorants, odorants, and pheromones.

Claim 67 (new): The method according to claim 57 wherein said aerosol is created from a liquid carrier vehicle containing said active agent dissolved, suspended or emulsified therein and wherein said liquid carrier vehicle consists essentially of an aqueous liquid, a liquid oil, and an organic solvent.

Claim 68 (new): The method according to claim 57 wherein from about 90% to about 99% of said charged aerosol adheres to the surface of said animal.

Claim 69 (new): The method according to claim 57, wherein the particle size of said aerosol is greater than about 50 μm in diameter.

Claim 70 (new): The method according to claim 58, wherein the step of creating includes creating said charged aerosol using a hand-held EHD device.

Claim 71 (new): The method according to claim 58 wherein said aerosol is created from a liquid carrier vehicle containing said active agent dissolved or suspended therein and wherein said liquid carrier vehicle consists essentially of an aqueous liquid, a liquid oil, and an organic solvent.

Claim 72 (new): The method of claim 57, further comprising the step of creating a second quantity of charged aerosol particles and applying the second quantity of charged aerosol particles toward said animal.

Claim 73 (new): A method for treating a non-human animal comprising the steps of (1) creating a charged aerosol containing at least one active agent, wherein said charged aerosol is created using electrohydrodynamic ("EHD") means; and (2) applying said charged aerosol to the surface of said animal; wherein said charged aerosol is created from a liquid carrier vehicle containing said active agent dissolved, suspended or emulsified therein; wherein said liquid carrier vehicle consists essentially of an aqueous liquid, a liquid oil, and an organic solvent; and wherein said aerosol particles have a diameter greater than that respirable by a human.

Claim 74 (new): The method according to claim 72, wherein the step of creating includes creating said charged aerosol using a hand-held EHD device.

Claim 75 (new): The method according to claim 72 wherein from about 90% to about 99% of said charged aerosol adheres to the surface of said animal.

Claim 76 (new): The method according to claim 72, wherein said animal is selected from the group consisting of cats, dogs, and horses.
Claim 77 (new): The method according to claim 75, wherein said animal is a horse.
Claim 78 (new): The method according to claim 73, wherein the diameter of said aerosol particles is greater than about 50 μm in diameter.